

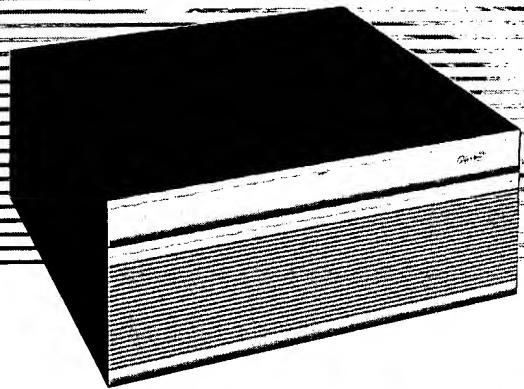
**CLAIM INFRINGEMENT CHART**  
**(AMX CORPORATION'S MAX-MMS Multimedia Server)**

<b>Petitioner's Claim Number</b>	<b>Petitioner's Claim Element(s)</b>	<b>Infringing Element</b>	<b>Infringement Analysis</b>
1. A system for synchronizing a multiplicity of devices in a multimedia environment, comprising:			
	at least one central storage and interface device, wherein audio, video, and photographic information including content information and content management information, relating to at least one user, are stored in digital form; and	MAX-MMS Multimedia Server (See Attachment 1)	The MAX-MMS is a content server that stores audio and video information in digital form.
	a plurality of zones each having a zone specific storage and interface device being capable of storing or interfacing with information stored in the central storage and interface device, wherein audio, video, or photographic information, relating to at least one user, contained within each one of the plurality of zone specific storage and interface devices and the central storage and interface device, are updated in relation with other zone specific storage and interface devices and the central storage and interface device, whereby the at least one user can be situated at anyone of the zones and access substantially identical audio, video, and photographic information related to the at least one user.	MAX-MMS Multimedia Server (See Attachment 1)	The MAX-MMS device allows custom audio/video distribution to each area or zone that can be controlled and personalized by the user. The MAX-MMS allows the user or multiple users to view the same content or different content in separate areas or zones simultaneously.
2. The system of claim 1, further comprising	a local area network (LAN) coupled to at least one zone specific storage and interface device with the central storage and interface device, wherein the interconnections within the LAN is hardwired or wireless.	MAX-MMS Multimedia Server (See Attachment 1)	The MAX-MMS device allows custom audio/video distribution to each area or zone that can be controlled and personalized by the user. The MAX-MMS allows the user or multiple users to view the same content or different content in separate areas or zones simultaneously.
4. The system of claim 1, further comprising	a set of zone specific output devices coupled to each of the zone specific storage and interface device, wherein audio, video, and photographic information is outputted, thereby the at least one user is disposed to have substantially identical content	MAX-MMS Multimedia Server (See Attachment 1)	The MAX-MMS device allows custom audio/video distribution to each area or zone that can be controlled and personalized by the user. The MAX-MMS allows the user or multiple users to view the same content or

Petitioner's Claim Number	Petitioner's Claim Element(s)	Infringing Element	Infringement Analysis
	information and content management information displayed and manipulated in anyone of the zones.		different content in separate areas or zones simultaneously. The MMS can create a distinct zone that can be controlled by an Audio/Video Module in each area or zone where video/audio will be displayed.
5. The system of claim 1, further comprising.	an output device coupled to the at least one central storage and interface device, wherein audio, video, and photographic information is outputted	MAX-MMS Multimedia Server (See Attachment 1)	The MAX-MMS device allows custom audio/video distribution to each area or zone that can be controlled and personalized by the user. The MAX-MMS allows the user or multiple users to view the same content or different content in separate areas or zones simultaneously. The MMS can create a distinct zone that can be controlled by an Audio/Video Module in each area or zone where video/audio will be displayed.
8. The system of claim 1, wherein	the at least one user pre-stores the audio, video, and photographic information by way of using a device comprising the central storage and interface device, and the zone specific storage and interface device.	MAX-MMS Multimedia Server (See Attachment 1)	The MAX-MMS device allows custom audio/video distribution to each area or zone that can be controlled and personalized by the user. The MAX-MMS allows the user or multiple users to view the same content or different content in separate areas or zones simultaneously. The MMS can create a distinct zone that can be controlled by an Audio/Video Module in each area or zone where video/audio will be displayed.
9. The system of claim 1, wherein	the central storage and interface device comprises means for transmitting or receiving information to or from the zone specific storage and interface device.	MAX-MMS Multimedia Server (See Attachment 1)	The MAX-MMS device allows custom audio/video distribution to each area or zone that can be controlled and personalized by the user. The MAX-MMS allows the user or multiple users to view the same content or different content in separate areas or zones simultaneously. The MMS can create a distinct zone that can be controlled by an Audio/Video Module in each area or zone where video/audio will be displayed.

**AMX**

## **MAX - MMS** MultiMedia Server



### **GRATIFYING PERFORMANCE**

Introducing MAX by AMX, the industry's only MultiMedia Server (MAX - MMS). MAX plays a major role: keeping your library of DVDs simple to use, well organized, and always fun to watch – wherever you are, whenever you want. From single rooms to multi-room systems, MAX manages your ever-growing DVD collection with amazing efficiency. Why deal with the burden of having to wait for a multi-DVD changer to load the next disc? MAX delivers instant gratification, locating your movie by genre, title director, and actor – in a matter of seconds.

### **HIGHEST VIDEO STANDARD**

MAX only knows one way to achieve the best possible video – through native DVD quality, the highest standard of video possible preserving the visual depth, dynamics and sharp quality of the original movie. Built with a robust internal hard drive, MAX has the ability to categorize and manage hundreds of DVDs, as well as CDs – the best of both worlds (CDs can be stored instead of DVDs at a ratio of 25 to 1).

### **MOVIE MAGIC**

Even the latest DVD players on the market only offer the option to play one DVD at a time. With a multi-room A/V system, feel free to cue different movies – or even the same movie at different times – in multiple locations.

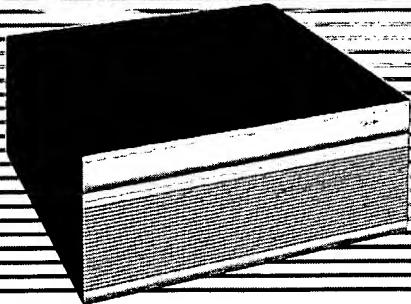
### **CUSTOM VIDEO DISTRIBUTION**

Experience the convenience and luxury of custom video distribution. Simply add a Audio / Video Module (AVM) to each area of the house where you want your movies to be displayed. The AVM communicates directly with the MMS to create a distinct video zone that can be controlled and personalized using an AMX Touch Panel.



**MAX**  
AMX

# MAX - MMS



## MAX - MMS - MultiMedia Server

### Overview

- No compression is used to store DVDs.
- Outputs same quality as original disc.
- Also stores CDs with no quality loss - 25 CDs can be stored in place of 1 DVD.
- Control any MAX product over Ethernet or RS-232 via your AMX or Crestron control System, a Windows PC, or an on-screen interface.
- Includes WinMAS® software for control by a Windows PC.
- Progressive Text Search locates the disc you're looking for instantly.
- Ethernet output for content distribution via Audio / Video Modules.
- Runs on a highly reliable Linux platform.
- RAID5 disk drive system.
- 2 MMS units can be joined together for more capacity or more zones.

### Dimensions

- 7" H x 16 7/8" W (without rack ears) x 18 9/16" D  
(17.78cm x 42.88cm x 47.51cm)

### Power

- 115VAC/10A 60hz
- 235VAC/5A 50hz

### Weight

- MAX - MMS 125 - 39lbs (17.69kg)
- MAX - MMS 200 - 41lbs (18.60kg)
- MAX - MMS 300 - 45lbs (20.41kg)
- MAX - MMS 350 - 49lbs (22.23kg)
- MAX - MMS 400 - 53lbs (24.04kg)
- MAX - MMS 900 - 57lbs (25.86kg)

### Front Panel

- Blue Power LED
- Blue Hard Drive Activity LED
- Power switch
- Reset switch
- DVD/CDRW drive
- Ventilated, hinged front cover

### Rear Panel Connections

- AC power
- Power supply switch
- DB9 RS-232 port for external control
- RJ45 Ethernet port for external control
- RJ45 Gigabit Ethernet port for connection to AVM modules through Gigabit Ethernet hub

### Hard Drive Capacity

- MAX - MMS 125 1.2 Terrabytes 125 DVD capacity
- MAX - MMS 200 1.4 Terrabytes 200 DVD capacity
- MAX - MMS 300 2.2 Terrabytes 300 DVD capacity
- MAX - MMS 350 3.3 Terrabytes 350 DVD capacity
- MAX - MMS 400 3.9 Terrabytes 400 DVD capacity
- MAX - MMS 900 7.2 Terrabytes 900 DVD capacity

### Included Items

- Power cord
- Rack ears
- CD-ROM with instruction manual, AMX and Crestron demo programs

### Accessories

- Audio Video Module, AVM

## MAX - AVM - Audio/Video Module

### Overview

- Streaming DVD playback module
- Eight AVM modules can be connected to a MMS video server

### Dimensions

- 2 3/16" H x 7" W x 11 1/2" D  
(5.56cm x 17.78cm x 27.94cm)

### Power

- 12VDC 5A external power supply

### Weight

- 3.5lbs (1.59kg)



### Front Panel

- Green Power LED
- Amber hard drive activity LED
- Power button

### Rear Panel Connections

- 1/4" DC power
- RJ45 Ethernet connected to LAN
- RCA S PDIF digital audio output
- DB15HD VGA output
- S-video monitor output
- 1/8" analog audio output

### Audio/Video Features

- VGA video output is 1024 x 768 resolution @60hz
- Dolby Digital and DTS supported digital audio formats.
- Aspect Ratio control

### Included Items

- 12VDC 5A external power supply
- CD-ROM with instruction manual, AMX and Crestron demo programs
- 1/8" to RCA female Y adapter



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## Meet MAX - Integrated Content Servers by AMX

Meet MAX, your personal content server designed to store, manage, distribute and protect your continuously growing amount of digital audio and video data. MAX provides you the ability to quickly upload, organize, and access the content you need, when you desire it most. Powerful and remarkably easy-to-use, MAX provides a cost-effective, time saving content management solution. MAX streamlines the process of content creation and allows you to rapidly build and effectively maintain a wide variety of digital content - music, movies and videos. At the simple touch of a button on the AMX Touch Panel, MAX accelerates the delivery of content wherever you need it, when you desire it most - simultaneous access by each end user to the entire multi-media library.



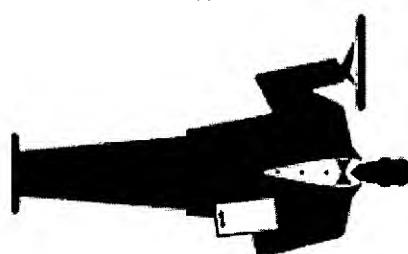
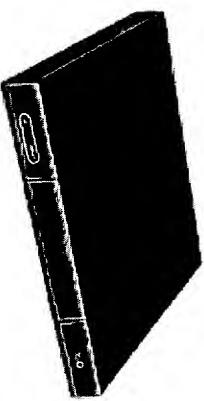
MAX integrates with the AMX Netlinx Control System significantly easier than any other content server or hard drive. Reliable and user-friendly, MAX is also a sleek, well-designed piece of equipment. To the end user, this complements a refined living environment that takes advantage of leading technology. For the tech-savvy dealer, MAX provides a powerful and affordable audio/video storage and content distribution solution for the discriminating user.

**MAX Integrated Music Server**  
[Click here for IMS Data Sheet](#)

For audio distribution systems of any size, the Integrated Music Server (IMS) manages a continuously growing collection of CDs with astonishing efficiency. Add as many audio files as you desire, searching and selecting titles and tracks quickly and effortlessly. Why deal with the burden of having to wait for a multi-CD changer to locate and load? The IMS delivers instant multi-media selection, plus the ability to store thousands of CDs. The IMS remains at the ready to locate any stored information by genre, title and other specified categories in a matter of seconds.

MAX only knows one way to achieve the best possible audio - through native CD quality, the highest standard of sound possible. The IMS is designed to preserve the depth and dynamics of the original recording.

Even the latest CD changers only offer the option to play a single CD, one at a time. Connect multiple IMS units together to handle your small or large audio distribution requirements.



<b>Integrated Music Server</b>	<b>FG #</b>	<b>Capacity</b>	<b>Gigabytes</b>	<b># Outputs</b>
<b>MAX-IIMS500-2</b>	FG-2177-02	500 CDs	160	2 Outputs
<b>MAX-IIMS500-4</b>	FG-2177-04	500 CDs	160	4 Outputs
<b>MAX-IIMS1000-2</b>	FG-2177-06	1000 CDs	320	2 Outputs
<b>MAX-IIMS1000-4</b>	FG-2177-08	1000 CDs	320	4 Outputs
<b>MAX-IIMS1500-2</b>	FG-2177-10	1000 CDs	480	2 Outputs
<b>MAX-IIMS1500-4</b>	FG-2177-12	1000 CDs	480	4 Outputs
<b>MAX-IIMS2500-2</b>	FG-2177-14	2500 CDs	900	2 Outputs
<b>MAX-IIMS2500-4</b>	FG-2177-16	2500 CDs	900	4 Outputs

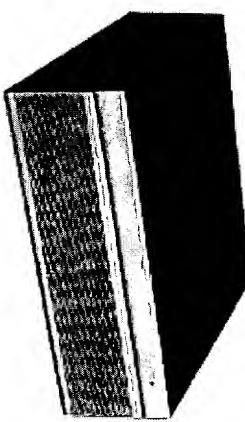
**MAX MultiMedia Server**  
[Click here for MMS Data Sheet](#)

The MultiMedia Server (MMS), exclusively from AMX, is the industry's first content server capable of storing CDs and DVDs. The MMS fits a key role. To keep an ever-expanding library of DVDs and CDs well organized, simple to access, and easy to use. To accommodate single- and multi-room video distribution systems, feel free to build a DVD library of virtually any size. Search menus and select scenes quickly and effortlessly. The MMS locates video files by genre, title and any other specified categories in a matter of seconds.

The MMS only knows one way to achieve the best possible video - through native DVD quality, which captures the depth, dynamics and sharpness of the original video. Engineered with a robust internal hard drive - we're talking Terabytes of space - the MMS has the ability store and access hundreds of DVDs.

Experience custom video distribution. Simply add one of our Audio Video Modules (AVM) to each area in which video will be displayed. The AVM communicates directly with the MMS to create a distinct video zone that can be controlled and personalized using an AMX Touch Panel. Connect multiple MMS units together for additional storage.

The MMS operates in harmony with any of electronic equipment, including audio systems, plasma screens and the latest AMX Touch Panels. In a multi-room system, MMS allows you to view the same DVD or play different movies in separate areas simultaneously.



<b>MultiMedia Server</b>	<b>FG#</b>	<b>DVD Capacity</b>	<b>Terabytes</b>	<b>Backup</b>	<b>Output</b>
<b>MAX-MMS125</b>	FG2178-01	125 DVDs	1.2	RAID5	Ethernet
<b>MAX-MMS200</b>	FG2178-02	200 DVDs	1.4	RAID5	Ethernet
<b>MAX-IIMS300</b>	FG2178-03	300 DVDs	2.2	RAID5	Ethernet
<b>MAX-MMS350</b>	FG2178-04	350 DVDs	3.3	RAID5	Ethernet
<b>MAX-MMS400M</b>	FG2178-05	400 DVDs	3.9	RAID5	Ethernet
<b>MAX-MMS900M</b>	FG2178-06	900 DVDs		RAID5	Ethernet

**MAX-AVM**

FG2178-50      Audio Video Module Ethernet in, A/V out  
*(CDs can be stored instead of DVDs at a ratio of 25 CDs to 1)*

- [Click here for MAX Product Guide](#)
- [Click here for an Introduction to MAX Training Video](#)
- [Click here for MAX-MDL200 Product Information - Tool for Dealer Use Only- Not Available for End-Users](#)
- [What is an MP3?](#)

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## New Products

Please click on logo to view new products from:



The products listed are only those that are already available here in the UK or will be within a matter of weeks. Many of these will be on display during our next New Product Open Days.

For information on other new products please click on the website addresses below.



### AMX Integrated Panel Solutions

#### Modero Touch Panels

The **most capable and feature intensive Touch Panel series on the market today**. The Modero family features stunning G4 graphics technology, AMX's unique G4 Computer and Web Control and exclusive SmoothTilt™ operation, as well as the freedom and convenience of wireless operation. Available in 7", 12", 15" and 17" table top and flush mount options that provide rich colour, deep contrast and pinpoint, on-screen clarity.

Just announced at **CEDIA EXPO USA** and shipping shortly, the new 7" Modero Widescreen Touch Panel. If you desire more on-screen information but your needs call for a smaller panel, the 7" Modero Widescreen is the perfect fit for any integrated environment. Available in Table Top and Flush Mount versions.

This complements the 17" Modero Widescreen Touch Panel, the first ever 16 x 9 aspect ratio Touch Panel - providing the largest viewable area on the marketplace today. No other Touch Panel compares to the 17" Widescreen in size or power.

The AMX Modero family now comprises:

#### Widescreen Options

- Modero 7" Widescreen flush / wall mount touch panel
- Modero 7" Widescreen table top touch panel
- Modero 17" Widescreen flush / wall mount touch panel
- Modero 17" Widescreen table top touch panel

NXD-CV7	Jan 04
NXT-CV7	Jan 04
NXD-CV17	Jun 03
NXT-CV17	Jun 03

## Standard Options

NXT-CA12	■ Modero 12" Colour active tilt	June 03
NXT-CV12/A	■ Modero 12" Colour active tilt with video and audio	June 03
NXD-CA12	■ Modero 12" Colour active décor	June 03
NXD-CV12/A	■ Modero 12" Colour active with video and audio décor	June 03
NXT-CA15	■ Modero 15" Colour active tilt	June 03
NXT-CV15/A	■ Modero 15" Colour active tilt with video and audio	June 03
NXD-CA15	■ Modero 15" Colour active décor	June 03
NXD-CV15/A	■ Modero 15" Colour active with video and audio décor	June 03

## Modero with Computer Control

A revolutionary new software feature that provides the end user with the ability to experience the full functionality of any network-connected computer directly on the Modero touch panel. Anything the end user can do while seated behind their computer can now be accomplished on the Modero's user interface with a few simple steps. ([www.ampx.com/new-products.asp](http://www.ampx.com/new-products.asp))

## Wireless Control

New Network Interface Card, which makes the Modero Touch Panel Series completely wireless. Based on the 802.11b Wi-Fi standard, the Wireless Interface Card plugs directly into the Modero's PCMCIA Card Slot and enables the Panel to remain wireless and operate anywhere within the control system environment. ([www.ampx.com/new-products.asp](http://www.ampx.com/new-products.asp))

## New 7.5" & 8.4" Modero View Points

AMX have expanded the Modero family of Touch Panels to include the 802.11b based wireless 7.5" and 8.4" Modero ViewPoints. The MVPs are the ultimate user interfaces, combining wireless mobility, table top functionality and the flexibility to act as a flush mount. Both 1-way IR and 2-way wireless communications are built into both MVPs using standard 802.11b technology. The MVPs are truly the most versatile AMX Touch panels on the market today.

MVP-7500  
MVP-8400

- 7.5" Modero ViewPoint Touch Panel
- 8.4" Modero ViewPoint Touch Panel

## Wireless Touch Panels

## ViewPoint

1 and 2-Way radio frequency (RF) models feature a bright, easy to read 6" colour touch screen and four external direct access buttons.

Jan 03  
Jan 03

VPT-CP	■ ViewPoint Colour Wireless Touch Panel	June 03
VPN-CP	■ ViewPoint Colour Netwave Touch Panel (2-Way)	June 03
VPA-DS	■ ViewPort Docking Station	June 03

## Wired Touch Panels

## 6" Touch Panels

**Available in Flush Mount and Table Top versions, the 6" Touch Panel delivers the maximum amount of control at an economical price in the minimum amount of space.**

**AXD-CV6  
AXD-CV6T**

■ 6" Colour Video Touch Panel Décor  
■ Desktop Enclosure for CV6

June 03  
June 03

#### 4" Touch Panels

These smaller Touch panels are designed to deliver a maximum amount of control at the most economical price in the minimum of space. Sleek new industrial design accommodates 6 external button slots, microphone & speaker, IR receiver, light and motion sensors. Choose from table top and flush mount versions black, white or almond - all three bezel colours are provided within the same kit.

And for those wet, splash prone, high humidity areas, AMX now offers new water-resistant bezels for the CP4/A.

**AXT-CP4/A  
AXD-CP4/A**

■ 4" Colour Touch Panel  
■ 4" Colour Wall Panel

Oct 03  
Oct 03

#### Dynamic Menu Select Keypads

**AMX's most intuitive keypad offering intercom capability and programmable text on a LCD display.**

**PLK-DMS**

■ Dynamic Menu Select Keypad

June 03

#### MAX Integrated Content Server

MAX is your personal content server designed to store, manage, distribute and protect your growing collection of digital audio and video data. MAX provides the ability to quickly upload, organise and access the content you need when you need it. MAX integrates easily with the AMX NetLinx Control System - just a touch of a button on the AMX panel accelerates the delivery of content wherever you need it, when you desire it most - including simultaneous access by each user to the entire multimedia library.

For audio distribution systems of any size, the **Integrated Music Server (IMS)** manages a growing collection of CDs with astonishing efficiency and quality - through native CD quality preserving the depth and dynamics of the original recording. The **Multi-Media Server (MMS)** is the industry's first content server capable of storing CDs and DVDs. The MMS can accommodate single and multi-room video distribution and like the IMS the MMS knows only one way to achieve the best possible results - through native DVD quality. With terabytes of space, the MMS can store and access hundreds of DVDs and CDs. [Click here for more information on MAX.](#)

#### NetLinx Control Systems

#### NI Series Integrated Controllers

Combines the proven technology of the NetLinx Integrated Controller with the NetLinx ME260 Master onto a single integrated control system.

NI-2000	■ NI Integrated Master Controller	June 03
NI-3000	■ NI Integrated Master Controller	June 03
NI-4000	■ NI Integrated Master Controller	June 03
NXF-MINI	■ NetLinx MiniCardFrame - ideal solution for adding up to four NetLinx device specific control cards; also extends control from a NetLinx system to a remote location.	June 03

## Landmark Products

- PLB-AS8
- PLB-AS16
- PLB-AMP8
- 8x8 Stereo Audio Switcher
- 16x16 Stereo Audio Switcher
- 8 Channel Audio Amplifier

## User Interfaces

### Touch Panel Interfaces

- NXP-TPI4
- NetLinx Touch Panel Interface - available with Video & VGA input cards, can be used in any combination up to 4 cards.

## Software Solutions

- PictureFrame
  - Why settle for a blank screen when your Modero goes to sleep? With the new PictureFrame software you can transform your Modero into a dynamic photo album - without any special code or complicated re-programming. PictureFrame includes intuitive menu options for transporting images directly from a PC to the Modero panel.
- Design Xpress 1.4
  - The latest release supports even more AMX touch panels, audio/video sources, design capabilities and AMX Internet Inside modules. Whole home integration is significantly faster, cost effective and flexible in order to accommodate future control system upgrades and customisations.
  - Version 1.1 provides the ability to incorporate the AMX Modero line of Touch Panels and as many as 10 different devices in your home theatre design.
  - New, easy to use, simple to understand control system programming software, NetLinx 2.0 offers the best integration programming resources available on the market today.

For further information on these and other new products please visit  
[www.ams.com/new-products.asp](http://www.ams.com/new-products.asp)

# ClearOne. Communications

## Audio Conferencing Products

### MAX™ Wireless

- World's first wireless conferencing phone, incorporating advanced audio processing, full duplex performance, Distributed Echo Cancellation and noise

Nov 03

**MAX™ EX**

- cancellation.
- Delivers the same high quality audio as Max Wireless but adds unprecedented expansion capabilities.

For further information on these and other new products please visit  
[www.cleartone.com/products](http://www.cleartone.com/products)

Nov 03

## **Extron Electronics**

**Switchers****System 5 IP****MPS 112CS**

- Five input integrated A/V switcher with audio amplifier and IP Link™ Ethernet Control
- Media Presentation Switcher merges three independent switchers into a single enclosure: a four input, one output VGA with stereo audio switcher; a four input, one output S-video with stereo audio switcher; and a four input, one output composite video with stereo audio switcher.

**Matrix Switchers****MMX 42-62 Series****MMX 32 VGAA****MAV Series**

- Extron MMX Series of Composite Video, S-Video, and Stereo Audio mini matrix switchers are compact units ideal for small installations.
- A 3 x 2 VGA with Audio Mini Matrix Switcher
- New additions to the popular range of Composite, S-Video and Stereo Audio Matrix Switchers

**IP™ Tools****IPLT S2****IPLT S4****IPLT S6****IPLT SF24****IPLT SF124****IPLT CCR48****IPLT TIRL****IPAT IPA**

- Two serial port IP Tools™ Ethernet control interface
- Four serial port IP Tools™ Ethernet control interface
- Six serial port IP Tools™ Ethernet control interface
- Two serial and four flex I/O and four IR port IP Link™ Ethernet control interface with IR learner
- Four contact input port and eight relay IP Tools™ Ethernet control interface
- IP Tools IR Learner captures IR remote control codes to create IR drivers, usable with any IP Link IR port
- IP Tools Accessory In-Circuit Power Adapter inserts power into LAN cable to remotely power IP Tools products.
- IP Tools Accessory with four Relays, designed to control screens, projectors, lights and more.

**MediaLink™****MLS 304MA****MLS 406****MLS 406MA****Interfaces****RGB 468Mxi****RGB 478Mxi****Twisted Pair****VTT001AAP&****VTR001AAP**

- Double space AAP twisted pair transmitters and receivers

Aug 03	Aug 03
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## Signal Processors - Audio

RAC 104  
MVC 121

TPX88 and TPX88A

■ Four channel remote volume and tone controller  
■ Microphone and line level mixer with volume control

Aug 03  
Aug 03

## Miscellaneous

BNC Compression Kits

■ Twisted pair matrix switchers work in conjunction with Extron twisted pair transmitters and receivers to provide simplified routing and control of signals ranging from RGBHV to composite video or S-video and stereo using twisted pair cable.

■ Extron SHR and Mini HR BNC Compression kits include a compression tool, prep tool and 50 BNCs in a convenient carry case.

ASA204

■ The ASA series convert two-channel stereo audio signals to balanced/unbalanced one-channel mono audio signals.

ASA304

■ The 2004 converts four unbalanced inputs (RCA to four unbalanced/balanced outputs (5 pin captive screws)) to four balanced/unbalanced outputs (5 pin captive screws).

July 03  
July 03

For further information on these and other new products please visit [www.extron.com/product/newproducts.asp](http://www.extron.com/product/newproducts.asp)

## LUTRON

### Miscellaneous

LU-GRX-RS232-1

■ Compact, low-cost RS232 interface, converts RS232 to Lutron Muxlink® Network, allowing 2-way communications between the Lutron Dimmer and a Room Control System or PC.

RGB-Integrale-PAK

■ Exclusive to RGB Communications.

■ Convenient, complete and competitively priced Integrale Dimming package that comprises: Lutron Integrale 4 scene Multi-adapt Dimmer, white surface mounting box, 4 scene wall station and RS232 interface.

LU-241-593

■ Surface mounted box, pre-finished in cream for Grafik Eye 3000 Series.

■ Radio Frequency (RF) remote control for GRAFIK Eye dimmers

■ Dimmer - any light source

Nov 02  
Nov 02  
Jul 02  
Jan 02

Lutron's website does not currently have a new products section.  
To visit their main web site please go to [www.lutron.com](http://www.lutron.com)

## projection design<sup>®</sup>

DLP Projectors

ActionModelOne

■ DLP Home Cinema Projector

June 03

For further information please visit  
[www.projectiondesign.com](http://www.projectiondesign.com)



Document Systems

### TM Packages

Part Number	Description	Release Date
TM-PROF-350	■ Professional Chassis unit with 12U, 350mm deep equipment rack, input panel and boss only	Aug 03
TM-PROF-500	■ Professional Chassis unit with 12U, 500mm deep equipment rack, input panel and boss only	Aug 03
TM-PROF-112	■ Professional Package unit, comprising TM-PROF-350, Unicel PLW plasma mount and Extron MPS 112 Media Presentation Switcher	Aug 03
TM-EXEC-112-VPX	■ Executive Package unit comprising TM-PROF-112 with AMX NetLinx Controller and ViewPoint Xpress RF Touch Panel	Aug 03
TM-EDUC-350	■ Educator Chassis unit with 12U, 350mm deep equipment rack and input panel	Aug 03
TM-EDUC-500	■ Educator Chassis unit with 12U, 500mm deep equipment rack and input panel	Aug 03
TM-EDUC-112	■ Basic Educator Package unit comprising TM-EDUC-350 unit with Extron MPS 112 Media Presentation Switcher	Aug 03
TM-EDUC-112-VPX	■ Full Educator Package unit comprising TM-EDUC-112 with AMX NetLinx Controller and ViewPoint Xpress RF Touch Panel	Aug 03
TM-TUT-AU-AR	■ Tutor Chassis unit with 12U, 350mm deep equipment rack and input panel, left or right hand configurations	Aug 03
TM-TUTOR-L-R	■ Tutor Package unit with Extron MPS112 Media Presentation Switcher, AMX NetLinx Controller, 4" Colour Touch Panel and Extron P2DA2 Distribution Amplifier, left or right hand configurations	Aug 03
TM-PRES	■ Presenter Chassis Unit with AV shelf, input panel and boss only	Aug 03

For more information on the TeamMate product range please [click here](#)

### Product ranges for commercial applications

#### available from RGB divisions RGB Communications and RGB Displays:



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